

Form PTO 1449

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Attorney Docket No.
T103 1300.4Serial No.
09/973,411Applicant
Caldwell, et al.

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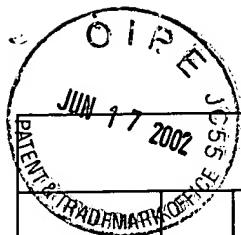
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U.S. PATENT DOCUMENTS

| Examiner Initials | Item | Document Number | Date | Name | Class | Subclass | Filing Date If Appropriate |
|-------------------|------|-----------------|---------|------------------|-------|----------|----------------------------|
| VB | P1 | 6,232,316 | 5/15/01 | Dull, et al. | 514 | 286 | |
| VB | P2 | 6,218,383 | 4/17/01 | Dull, et al. | 514 | 214.01 | |
| VD | P3 | 6,274,606 | 8/14/01 | Dull, et al. | 514 | 345 | |
| VB | P4 | 6,262,124 | 7/17/01 | Dull, et al. | 514 | 649 | |
| VB | P5 | 4,927,838 | 5/90 | Guthrie et al. | 546 | 291 | |
| VB | P6 | 5,212,188 | 5/93 | Caldwell et al. | 514 | 243 | |
| VB | P7 | 5,585,388 | 12/96 | Cosford et al. | 546 | 281 | |
| VB | P8 | 5,597,919 | 1/97 | Dull et al. | 544 | 242 | |
| VB | P9 | 5,604,231 | 2/97 | Smith et al. | 514 | 256 | |
| VB | P10 | 5,616,707 | 4/97 | Crooks et al. | 544 | 242 | |
| VB | P11 | 5,616,716 | 4/97 | Dull et al. | 546 | 300 | |
| VB | P12 | 5,663,356 | 9/97 | Ruecroft et al. | 546 | 300 | |
| VB | P13 | 5,726,316 | 3/98 | Crooks et al. | 544 | 242 | |
| VB | P14 | 5,731,314 | 3/98 | Bencherif et al. | 514 | 256 | |
| VB | P15 | 5,811,442 | 9/98 | Bencherif et al. | 514 | 384 | |
| VB | P16 | 5,824,692 | 10/98 | Lippiello et al. | 514 | 343 | |
| VB | P17 | 5,861,423 | 1/99 | Caldwell et al. | 514 | 345 | |
| VB | P18 | 5,629,325 | 5/97 | Lin et al. | 546 | 193 | |
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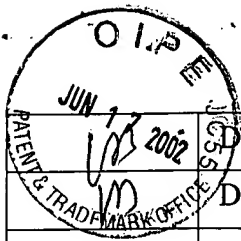


FOREIGN PATENT DOCUMENTS

| | | Document Number | Date | Country | Class | Subclass | Translation | |
|----|----|-----------------|-------|---------|-------|----------|-------------|----|
| | | | | | | | Yes | No |
| VB | F1 | WO 98/37071 | 8/98 | PCT | | | | |
| VB | F2 | WO 96/20929 | 7/96 | PCT | | | | |
| VB | F3 | WO 96/20600 | 7/96 | PCT | | | | |
| VB | F4 | WO 96/36637 | 11/96 | PCT | | | | |
| VB | F5 | WO 96/31475 | 10/96 | PCT | | | | |
| VB | F6 | 0 559 495 | 9/93 | EPO | | | | |
| VB | F7 | WO 97/40,011 | 10/97 | PCT | | | | |
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OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, etc.)

| | | |
|----|-----|---|
| VB | D1 | Cooper, Donald A. et al., <u>Biological Mass Spectrometry</u> , Vol. 22, (1993) |
| VB | D2 | Loffler, Karl et al., <u>Chem. Ber.</u> , Vol. 42, pp. 3431-3488 (1909) |
| VB | D3 | LaForge, F.B., <u>J.Am. Chem. Soc.</u> , Vol. 50, pp. 2477-2483 (1928) |
| VB | D4 | Pinner, A., <u>Chem. Ber.</u> , pp. 2861-2870 (1894) |
| VB | D5 | Malek, N. et al., <u>J.Org. Chem.</u> , Vol. 47, pp. 5395-5397 (1982) |
| VB | D6 | Joyce, N.J. et al., <u>Heterocycles</u> , Vol. 29, No. 7, pp. 2947-2949 (1978) |
| VB | D7 | Frank, W. et al., <u>J. Org. Chem.</u> , Vol. 43(15), pp. 2947-2949 (1978) |
| VB | D8 | Sprouse, C. et al., Abstracts of Papers, p. 32, Coresta/TCRC, Joint Conference (1972) |
| VB | D9 | Pinner, A., <u>Chem. Ber.</u> , pp. 1053-1061 (1894) |
| VB | D10 | Acheson, R. et al., <u>J. Chem. Soc. Perkin Trans.</u> , Vol. 2, pp. 579-585 (1980) |

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- D11 Bleicher, Leo et al., Synlett, pp. 1115-1116 (1995)
- D12 Lippiello, P. et al., JPET, Vol. 279, No. 3, pp. 1422-1429 (1996)
- D13 Bencherif, M. et al., JPET, Vol. 279, No. 3, pp. 1413-1421 (1996)
- D14 Hogberg, Thomas, et al., Homallylic Amines Related to Zimeldine. A Comparative Study on Neuronal Serotonin and Norepinephrine Reuptake Based on Conformational Analysis; J. Med. Chem., Vol. 31, (1988); pp. 913-919; XP00000000608983.
- ~~D15 International Search Report; 26/11/99; R.J. Reynolds Tobacco Company, et al.; PCT/US99/12340; file ref: 627-311.WO~~
- D16 S. Americ & M. Williams, "Nicotinic Agonists in Alzheimer's Disease: Does the Molecular Diversity of Nicotine Receptors Offer the Opportunity for Developing CNS-Selective Cholinergic Channel Activators?" Int. Acad. Biomed. Drug Res., 7: 58-70 (1994).
- D17 Bencherif et al., "Metanicotine: A Nicotinic Agonist with CNS Selectivity - In Vitro Characterization," Society for Neuroscience Abstracts, 21(1-3): 605 (1995).
- D18 Perry et al., "Alteration in Nicotine Binding Sites in Parkinson's Disease, Lewy Body Dementia and Alzheimer's Disease: Possible Index of Early Neuropathology," Neuroscience, 64(2): 385-395 (1995).
- D19 B. Sahakian & J. Coull, "Nicotine and Tetrahydroaminoacradine: Evidence for Improved Attention in Patients with Dementia of the Alzheimer Type," Drug Development Research, 31: 80-88 (1994).
- D20 Wilson Jr. et al., "Nicotine-Like Actions of cis-Metanicotine and trans-Metanicotine," The Journal of Pharmacology and Experimental Therapeutics, 196(3): 685-696 (1976).

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